

Listing of Claims

The following listing of claims replaces all prior versions and listings of claims in the present application:

Claims 1-74 (canceled).

Claim 75 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly on only an inside surface thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump when said liner is worn by a user thereof.

Claim 76 (previously presented): The cushion liner as claimed in claim 75, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 77 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 78 (previously presented): The cushion liner as claimed in claim 75, having a length from closed end to open end of from 10-25 inches.

Claim 79 (canceled).

Claim 80 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel has a thickness varying from 0.150-0.500 inches.

Claims 81-84 (canceled).

Claim 85 (previously presented): The cushion liner as claimed in claim 75, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claims 86-87 (canceled).

Claim 88 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel includes a biocide.

Claim 89 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel includes a vitamin.

Claims 90-91 (canceled).

Claim 92 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly on only an inside thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said polymeric cushioning gel is thicker at said closed end of said fabric than at said open end of said fabric; and wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump when said liner is worn by a user thereof.

Claim 93 (previously presented): The cushion liner as claimed in claim 92, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 94 (previously presented): The cushion liner as claimed in claim 92, wherein

said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 95 (canceled).

Claim 96 (previously presented): The cushion liner as claimed in claim 92, wherein said polymeric cushioning gel has a thickness varying from 0.150-0.500 inches.

Claims 97-98 (canceled).

Claim 99 (previously presented): The cushion liner as claimed in claim 92, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claims 100-101 (canceled).

Claim 102 (previously presented): The cushion liner as claimed in claim 92, wherein said polymeric cushioning gel includes a biocide.

Claim 103 (previously presented): The cushion liner as claimed in claim 92, wherein said polymeric cushioning gel includes a vitamin.

Claims 104-105 (canceled).

Claim 106 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly and directly on only an inside thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump when said liner is worn by a user thereof.

Claim 107 (previously presented): The cushion liner as claimed in claim 106, wherein said polymeric cushioning gel has a thickness varying from 0.150-0.500 inches.

Claims 108-109 (canceled).

Claim 110 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated seamlessly and directly on only an inside thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said polymeric cushioning gel is thicker at said closed end of said fabric than at said open end of said fabric; and wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump when said liner is worn by a user thereof.

Claim 111 (previously presented): The cushion liner as claimed in claim 110, wherein said polymeric cushioning gel has a thickness varying from 0.150 - 0.500 inches.

Claims 112-113 (canceled).

Claim 114 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated on only an inside thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said liner is donned by inverting and rolling said liner onto said amputation stump; and wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump after donning.

Claim 115 (previously presented): The cushion liner as claimed in claim 114, wherein said polymeric cushioning gel has a thickness varying from 0.150 - 0.500 inches.

Claims 116-117 (canceled).

Claim 118 (previously presented): A cushion liner for enclosing an amputation stump, said liner comprising a fabric covering having an open end for introduction of said stump and a closed end opposite said open end, said fabric coated on only an inside thereof with a polymeric cushioning gel that substantially conforms to the shape of said amputation stump when said liner is worn; wherein said polymeric cushioning gel is thicker at said closed end of said fabric than at said open end of said fabric; wherein said liner is donned by inverting and rolling said liner onto said amputation stump; and wherein said liner is configured such that said polymeric cushioning gel is in contact with the skin of said amputation stump after donning.

Claim 119 (previously presented): The cushion liner as claimed in claim 118, wherein said polymeric cushioning gel has a thickness varying from 0.150 - 0.500 inches.

Claim 120 (previously presented): The cushion liner as claimed in claim 118, further comprising docking means at a distal end thereof.

Claim 121 (previously presented): The cushion liner as claimed in claim 120, wherein said docking means is molded to said fabric on an exterior of said liner.

Claims 122-123 (canceled).

Claim 124 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel has a thickness profile such that said polymeric cushioning gel is thicker at a closed end of said covering than at an open end.

Claim 125 (previously presented): The cushion liner as claimed in claim 75, wherein said polymeric cushioning gel includes mineral oil.

Claim 126 (previously presented): The cushion liner as claimed in claim 75, further comprising docking means at a distal end thereof.

Claim 127 (previously presented): The cushion liner as claimed in claim 126, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 128 (previously presented): The cushion liner as claimed in claim 92, wherein said polymeric cushioning gel includes mineral oil.

Claim 129 (previously presented): The cushion liner as claimed in claim 92, further comprising docking means at a distal end thereof.

Claim 130 (previously presented): The cushion liner as claimed in claim 129, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 131 (previously presented): The cushion liner as claimed in claim 106, wherein said polymeric cushioning gel is thicker at said closed end of said fabric than at said open end of said fabric.

Claim 132 (previously presented): The cushion liner as claimed in claim 106, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 133 (previously presented): The cushion liner as claimed in claim 106, wherein said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 134 (previously presented): The cushion liner as claimed in claim 106, having a length from closed end to open end of from 10-25 inches.

Claim 135 (previously presented): The cushion liner as claimed in claim 106, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claim 136 (previously presented): The cushion liner as claimed in claim 106, wherein said polymeric cushioning gel includes a biocide.

Claim 137 (previously presented): The cushion liner as claimed in claim 106, wherein said polymeric cushioning gel includes a vitamin.

Claim 138 (previously presented): The cushion liner of claim 106, wherein said polymeric cushioning gel includes mineral oil.

Claim 139 (previously presented): The cushion liner as claimed in claim 106, further comprising docking means at a distal end thereof.

Claim 140 (previously presented): The cushion liner as claimed in claim 139, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 141 (previously presented): The cushion liner as claimed in claim 110, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 142 (previously presented): The cushion liner as claimed in claim 110, wherein said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 143 (previously presented): The cushion liner as claimed in claim 110, having a length from closed end to open end of from 10-25 inches.

Claim 144 (previously presented): The cushion liner as claimed in claim 110, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claim 145 (previously presented): The cushion liner as claimed in claim 110, wherein said polymeric cushioning gel includes a biocide.

Claim 146 (previously presented): The cushion liner as claimed in claim 110, wherein said polymeric cushioning gel includes a vitamin.

Claim 147 (previously presented): The cushion liner of claim 110, wherein said polymeric cushioning gel includes mineral oil.

Claim 148 (previously presented): The cushion liner as claimed in claim 110, further comprising docking means at a distal end thereof.

Claim 149 (previously presented): The cushion liner as claimed in claim 148, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 150 (previously presented): The cushion liner as claimed in claim 114, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 151 (previously presented): The cushion liner as claimed in claim 114, wherein said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 152 (previously presented): The cushion liner as claimed in claim 114, having a length from closed end to open end of from 10-25 inches.

Claim 153 (previously presented): The cushion liner as claimed in claim 114, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claim 154 (previously presented): The cushion liner as claimed in claim 114, wherein said polymeric cushioning gel includes a biocide.

Claim 155 (previously presented): The cushion liner as claimed in claim 114, wherein said polymeric cushioning gel includes a vitamin.

Claim 156 (previously presented): The cushion liner of claim 114, wherein said polymeric cushioning gel includes mineral oil.

Claim 157 (previously presented): The cushion liner as claimed in claim 114, further comprising docking means at a distal end thereof.

Claim 158 (previously presented): The cushion liner as claimed in claim 157, wherein said docking means is molded to said fabric on an exterior of said liner.

Claim 159 (previously presented): The cushion liner as claimed in claim 118, wherein said fabric is coated on the inside thereof with an uneven distribution of said polymeric cushioning gel, said uneven distribution resulting in a thinner posterior middle and upper portion, and a thicker distal anterior-medial and anterior-lateral portion.

Claim 160 (previously presented): The cushion liner as claimed in claim 118, wherein said polymeric cushioning gel is arranged in a recessed Achilles configuration.

Claim 161 (previously presented): The cushion liner as claimed in claim 118, having a length from closed end to open end of from 10-25 inches.

Claim 162 (previously presented): The cushion liner as claimed in claim 118, wherein said fabric is completely coated on only the inside thereof with said polymeric cushioning gel.

Claim 163 (previously presented): The cushion liner as claimed in claim 118, wherein said polymeric cushioning gel includes a biocide.

Claim 164 (previously presented): The cushion liner as claimed in claim 118, wherein said polymeric cushioning gel includes a vitamin.

Claim 165 (previously presented): The cushion liner of claim 118, wherein said polymeric cushioning gel includes mineral oil.